G. R. S. App. F. IX-4]

1942 - 3.

( War )

W File No. 182 - 42

Serial Nos. 1

*Previous References.*

*Later References.*

P 6

# GENERAL AND REVENUE SECRETARIAT

*Serial Nos.* One only.

**Part B for** February 1943.

SUBJECT.

Wear & tear of provincial roads due to heavy military traffic.

J. Krishnan
18.2.43.

*Submitted,*

The representation just received from the P. W. D. Secretary are submitted herewith. This is a matter PWD Secretariat

The Chief Secretary wishes me to obtain orders of the Government if he would like this file to be taken to Delhi.

17/1/63

Not necessary

17/1/63

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5494 2188/W

5. I may also suggest that 30% of the annual maintenance charges for Municipal roads referred to in this office Un-Official No. 135 dated 21-9-1942 for contribution by the Military Authorities on account of wear and tear due to their traffic, may be enhanced - to 56% considering the present abnormal rise in prices of materials etc.,.

I request the favour of orders of Government on the above proposals.

As this question has been discussed with the Chief Secretary ~~xxx~~ a copy of this letter with enclosures has been sent to him.

I have the honour to be,
Sir,
Your most obedient servant,

Sd. L. A.H. Winckler,

V.S.11/1/43. CHIEF ENGINEER OF MYSORE.

No. 1862-3/2. Dated, Bangalore, the 12th January 1943.

Copy of the foregoing is forwarded with compliments to the Chief Secretary to Government, Bangalore, for information.

12/1/43

CHIEF ENGINEER OF MYSORE.

12/1 11/1

Subl 11/1

Refees

17/1/43

C. F. No. [45]

IMMEDIATE.

GOVERNMENT OF MYSORE

Telegram / phone.

No.
Encls.

OFFICE OF
The Chief Engineer of Mysore,
Public Works Department,
Bangalore.

Dated, Bangalore the January 1943.

To

The Secretary to Government,

Public Works Department,

Bangalore.

Sir,

Subject:- Wear and Tear of Provincial Roads due to heavy Military Traffic.

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With reference to your letter No.P.W.3545 dated 14-11-1942 on the above subject, I have the honour to enclose herewith a statement of the State Fund and District Fund Roads which are frequently used by the Military Lorries, their present maintenance grant and the amount of contribution that has to be paid by the Military Authorities towards the unusual strain caused on account of their traffic.

2. The cost of the maintenance of these roads may be fixed at 50% over the prevailing grant which will have to be contributed by the Miltary Authorities. It may be stated here that even this extra amount for maintenance will not be adequate to keep the roads particularly round about Bangalore in an efficient condition as they are subject to extra-ordinarily heavy strain. Substantial improvements to the roads within a radius of atleast 15 miles are a sheer necessity. Asphalting cannot stand this traffic and much less the waterbound macadam. Only Cement concreting will serve the purpose.

3. Cost of cement concreting the roads referred to will be Rs 46,42,200/- for State Fund Roads and Rs 14,39,200/- for District Fund Roads coming within a radius of about 15 miles from Bangalore as can be seen from the statement enclosed. Amount calculated at 50% for extra maintenance only will be Rs 1,82,060/- for State Fund Roads and Rs 12,700/- for District Fund Roads thus making up a total of Rs 1,94,760/- under this head. Cost of extra works both under maintenance and improvements to roads round about Bangalore and of Bangalore Harihar road which is also subjected to the same amount of traffic will thus be about Rs 63,00,000/-, which has to be contributed by the Military authorities.

4. Considering the heavy grant for these works if allotted it is absolutely necessary to entertain adequate establishment for the efficient supervision and speedy completion of the works within a short period. The existing staff of the Department is hardly sufficient to carry out the normal programme of works already approved for the current year. It will therefore be extremely difficult to detail any portion of the existing staff for these improvement works, unless the works of the department are allowed to lie over; nor is it possible to recruit extra staff as there is a great dearth for qualified hands. I am therefore of opinion that, in case the grants referred to are allotted, the improvement works will have either to be got done by the Military authorities which does not seem desirable or a portion of the normal staff of the Department will have to be diverted to this work deferring less urgent works to a later date, care being however taken to see that progress on irrigation works does not suffer.

Wear and tear on provincial roads by Military traffic - Consolidiated statement.

| Sl. No. | Name of road. | Total grant as per report received from, | | | | | | | | Total. | Amount at 50% extra on Maintenance. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Bangalore Dn. | Mysore. | Kolar. Mandya. | Tumkur. | Kolar. | Shimoga. | Kadur. | Chitaldurg. Hassan. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 11 | 12 | 13. |
| | Madras Cannanore road. | 11 miles @ Rs 500 Rs 5,500 | 16,450 | 22,460 | | 10,750 | | | | 55,160 | 27,580 |
| 2. | Bangalore Dobspet " | 31 miles @ Rs 500 Rs 15,500 | | | | | | | | 15,500 | 7,750 |
| 3. | Do. Doddaballapur road. | 25 miles @ Rs 200 Rs 5,000 | | | | | | | | 5,000 | 2,500 |
| 4. | Yelehanka Devanahalli section road. | 13 miles @ Rs 200 Rs 2,600 | | | | | | | | 2,600 | 1,300 |
| 5. | B'lore - Bellary road | 3 miles at Rs 500 Rs 1,500 | | | | 5,100 | | | | 6,600 | 3,300 |
| 6. | B'lore Attibele " | 21 miles @ Rs 500 Rs 10,500 | | | | | | | | 10,500 | 5,250 |
| 7. | B'lore Dommasandra " | 14 miles @ Rs 200 Rs 2,800 | | | | | | | | 2,800 | 1,400 |
| 8. | B'lore whitefield " | 12 miles @ Rs 500 Rs 6,000 | | | | | | | | 6,000 | 3,000 |
| 9. | Whitefield Hoskote " | 7 miles @ Rs 500 Rs 3,500 | | | | | | | | 3,500 | 1,750 |
| 10. | B'lore Mangalore " (via, Mercara). | | 7,000 | | 2,975 | | | | | 9,975 | 4,988 |
| 11. | B'lore Nilgiri road within Ml. limits. | | 40,237 | | | | | | | 40,237 | 20,119 |
| 12. | Mysore Monantoddy " | | 21,600 | | | | | | | 21,600 | 10,800 |
| 13. | Do. Yelwal road. | | 6,813 | | | | | | | 6,813 | 3,407 |
| 14. | Gundlupet Sultan Battery road. | | 8,800 | | | | | | | 8,800 | 4,400 |
| 15. | Periyapatna Frazerpet frontier road. | | 4,400 | | | | | | | 4,400 | 2,200 |
| 16 | Nanjangud Hasanurghat road. | | 18,200 | | | | | | | 18,200 | 9,100 |
| 17. | Bangalore Honnavar road. | | | | 9,684 | | 5,600 | 7,400 | 4,500 | 27,184 | 13,592 |
| 18. | Salem Bellary road. | | | | 13,000 | | | | | 13,000 | 6,500 |
| 19. | Tumkur Bellary road. | | | | 8,250 | | | | | 8,250 | 4,125 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 21. Cuddapha Ry. Feeder road. | | | 6,763 | | | | 6,763 | 3,38 |
| 22. Mulbagal Ry. feeder road. | | | 5,100 | | | | 5,100 | 2,550 |
| 23. Kolar Gold Fields road. | | | 10,687 | | | | 10,687 | 5,344 |
| 24. Balaghat Marikuppam road. | | | 1,800 | | | | 1,800 | 900 |
| 25. Bangalore Cuddapha road. | | | 6,300 | | | | 6,300 | 3,150 |
| 26. Bangalore Hindupur road. | | | 3,500 | | | | 3,500 | 1,750 |
| 27. Shimoga Sorab Sirsi road. | | | | 6,750 | | | 6,750 | 3,375 |
| 28. Shimoga Harihar road. | | | | 6,200 | | 3,400 | 9,600 | 4,800 |
| 29. Chitaldrug Bellamati road. | | | | 4,500 | | | 4,500 | 2,250 |
| 30. Shimoga Mangalore road. | | | | 4,800 | | | 4,800 | 2,400 |
| 31. Bangalore Dharwar road. | | | | | | 29,350 | 29,350 | 14,675 |
| Total 32,900 | | | | | | | | |
| | 1,23,500 | 31,310 | 33,909 | 50,000 | 27,850 | 7,400 | 32,750 | 4,500 | 3,64,119 | 1,82,060 |

District Fund road.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. Sulekere Sasalu Ry. Feeder road. | | | | | 910 | | | | 910 | 455 |
| 2. Davangere Sulekere road. | | | | | 800 | | 2,250 | | 3,050 | 1,525 |
| 3. Harihar Harapanahalli road. | | | | | | | 1,050 | | 1,050 | 525 |
| 4. Chennagiri Molakalmuru road. | | | | | 3,240 | | 250 | | 3,490 | 1,745 |
| 5. Davangere Anaji Jagalur road. | | | | | | | 6,200 | | 6,200 | 3,100 |
| 6. Kolar Sompur road (6 miles) | | | | 900 | | | | | 900 | 450 |
| 7. Kolar Venkatagirikota road. | | | | 3,750 | | | | | 3,750 | 1,875 |
| 8. Kolar Malur Hosur road. (7 miles.) | | | | 1,050 | | | | | 1,050 | 525 |
| 9. Tumkur Maddur road. | | 5,000 | | | | | | | 5,000 | 2,500 |
| Total | | 5,000, | | 5,700 | 4,950 | | 9,750 | | 25,400 | 12,700 |

Railway Cess Fund road.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. Yekkegundi Nandagudi road. | | | | | | | 1,000 | | 1,000 | 500 |

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Chief Engineer of Mysore.

11/1

| of road. | Classification. | Length to be concreted in Mls. | Cost per mile. | Total cost of concreting. | Length to be W.B.Macadam in miles. | Cost per mile. | Total cost of W.B. Macadam | Total cost of C & W.B. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Hare Haribar i.e., Salem road. | State Fund. | 15 miles Tumkur.<br>15 miles Hosur.<br>30 | 45,000 | 13,50,000 | 194 (Tumkur) 4 (Hosur) 198 | 6,400 | 12,67,200 | 26,17,200 | concreting and the remaining 198 mil Water Bound Macad is proposed. |
| 2. Madras road. Cannanore | " | 11 Kolar side.<br>15 Mysore side.<br>26 | " | 11,70,000 | | | | 11,70,000 | |
| 3. Bangalore Hindupur | " | 12 | " | 5,40,000 | | | | 5,40,000 | |
| 4. Bangalore Bellary road | " | 7 | " | 3,15,000 | | | | 3,15,000 | |
| Total for State Fund roads. | | | | 33,75,000 | | | 12,67,200 | 46,42,200 | |
| 5. Bangalore Damsandra road | Dt. Fund Rd. | 11 | " | 4,95,000 | 11 | " | 70,400 | 5,65,400 | |
| 6. Bangalore Varthur road | " | 10 | " | 4,50,000 | 10 | do. | 64,000 | 5,14,000 | |
| 7. White Field Hosakote road | " | 7 | " | 3,15,000 | 7 | " | 44,800 | 3,59,800 | |
| Total for the District Fund road. | | | | 12,60,000 | | | 1,79,200 | 14,39,200 | |
| Total | | 103 | | 46,35,000 | | | 14,46,400 | 60,81,400 | |

Total amount required for extra annual maintenance of roads. 1,94,760

2. " " Improvement of roads. 60,81,400

Total 62,76,160

Say Rs 63,00,000-

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Chief Engineer of Mysore.

| Sl. No. | Name of road. | Classification. | Length to be concreted in Mls. | Cost per mile. | Total cost of concreting. | Length to be W.B.Macadan in miles. | Cost per mile. | Total cost of W.B. Macadam | Total cost of C & W.B. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1. | Bangalore Harihar road. i.e., Salem Bellary road. | State Fund. | 15 miles Tumkur.<br>15 miles Hosur.<br>--<br>30 | 45,000 | 13,50,000 | 194 (Tumkur) 4 (Hosur) 198 | 6,400 | 12,67,200 | 26,17,200 | For first 32 miles concreting and the remaining 198 mil Water Bound Macad is proposed. |
| 2. | Madras Cannanore road. | " | 11 Kolar side.<br>15 Mysore side.<br>--<br>26 | " | 11,70,000 | | | | 11,70,000 | |
| 3. | Bangalore Hindupur | " | 12 | " | 5,40,000 | | | | 5,40,000 | |
| 4. | Bangalore Bellary road | " | 7 | " | 3,15,000 | | | | 3,15,000 | |
| Total for State Fund roads. | | | | | 33,75,000 | | | 12,67,200 | 46,42,200 | |
| 5. | Bangalore Damsandra road | Dt. Fund Rd. | 11 | " | 4,95,000 | 11 | " | 70,400 | 5,65,400 | |
| 6. | Bangalore Varthur road | " | 10 | " | 4,50,000 | 10 | " | 64,000 | 5,14,000 | |
| 7. | White Field Hosakote road | " | 7 | " | 3,15,000 | 7 | " | 44,800 | 3,59,800 | |
| Total for the District Fund road. | | | | | 12,60,000 | | | 1,79,200 | 14,39,200 | |
| | Total | | 103 | | 46,35,000 | | | 14,46,400 | 60,81,400 | |

| | | |
|---|---|---|
| Total amount required for extra annual maintenance of roads. | | 1,94,760 |
| 2. | Improvement of roads. | 60,81,400 |
| | Total | 62,76,160 |

Say Rs 63,00,000-

12/1/43

Chief Engineer of Mysore.